

From the INTERNATIONAL BUREAU

**PCT**

NOTIFICATION OF TRANSMITTAL  
OF COPIES OF TRANSLATION  
OF THE INTERNATIONAL PRELIMINARY REPORT  
ON PATENTABILITY  
(CHAPTER I OR CHAPTER II  
OF THE PATENT COOPERATION TREATY)  
(PCT Rules 44bis.3(c) and 72.2)

To:

REULE, Hanspeter  
Hauptmannsleut  
70193 Stuttgart  
ALLEMAGNE

**INGEGANGEN  
RECEIVED**

**18. Aug. 2006**

Patentanwalte  
**WOLF & LUTZ**

Date of mailing (day/month/year)  
03 August 2006 (03.08.2006)

Applicant's or agent's file reference  
A 54 783 PCT

**IMPORTANT NOTIFICATION**

International application No.  
PCT/EP2004/011897

International filing date (day/month/year)  
21 October 2004 (21.10.2004)

Applicant

MURRPLASTIK SYSTEMTECHNIK GMBH et al

**1. Transmittal of the translation to the applicant.**

The International Bureau transmits herewith a copy of the English translation of the international preliminary report on patentability (Chapter I).



The International Bureau transmits herewith a copy of the English translation of the international preliminary report on patentability (Chapter II).

**2. Transmittal of the copy of the translation to the designated or elected Offices.**

The International Bureau notifies the applicant that copies of that translation have been transmitted to the following designated or elected Offices requiring such translation:

None

The following designated or elected Offices, having waived the requirement for such a transmittal at this time, will receive copies of that translation from the International Bureau only upon their request:

AE, AG, AL, AM, AP, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EA, EC, EE, EG, EP, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OA, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

**3. Reminder regarding translation into (one of) the official language(s) of the elected Office(s).**

The applicant is reminded that, where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary report on patentability (Chapter II).

It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned within the applicable time limit (Rule 74.1). See Volume II of the PCT Applicant's Guide for further details.

The International Bureau of WIPO  
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# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

|  |   |  |
|--|---|--|
| Applicant's or agent's file reference<br>A 54 783 PCT  | <b>FOR FURTHER ACTION</b>   | See item 4 below   |
| International application No.<br>PCT/EP2004/011897   | International filing date ( <i>day/month/year</i> )<br>21 October 2004 (21.10.2004) | Priority date ( <i>day/month/year</i> )<br>07 November 2003 (07.11.2003) |
| International Patent Classification (8th edition unless older edition indicated)<br>See relevant information in Form PCT/ISA/237 |   |  |
| Applicant<br>MURRPLASTIK SYSTEMTECHNIK GMBH  |   |  |

|                                     |  |   |           |                     |                          |            |          |                          |             |  |                          |            |                            |                                     |           |   |                          |            |                         |                          |             |  |                          |              |   |
|-------------------------------------|--|---|-----------|---------------------|--------------------------|------------|----------|--------------------------|-------------|--|--------------------------|------------|----------------------------|-------------------------------------|-----------|---|--------------------------|------------|-------------------------|--------------------------|-------------|--|--------------------------|--------------|---|
| 1.                                  | This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis.1(a).  |   |           |                     |                          |            |          |                          |             |  |                          |            |                            |                                     |           |   |                          |            |                         |                          |             |  |                          |              |   |
| 2.                                  | This REPORT consists of a total of 7 sheets, including this cover sheet.<br><br>In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.  |   |           |                     |                          |            |          |                          |             |  |                          |            |                            |                                     |           |   |                          |            |                         |                          |             |  |                          |              |   |
| 3.                                  | <p>This report contains indications relating to the following items:</p> <table style="width: 100%;"> <tr> <td style="width: 10%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 30%;">Box No. I</td> <td style="width: 60%;">Basis of the report</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Box No. II</td> <td>Priority</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Box No. III</td> <td>Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Box No. IV</td> <td>Lack of unity of invention</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td>Box No. V</td> <td>Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Box No. VI</td> <td>Certain documents cited</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Box No. VII</td> <td>Certain defects in the international application</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Box No. VIII</td> <td>Certain observations on the international application</td> </tr> </table> | <input checked="" type="checkbox"/>   | Box No. I | Basis of the report | <input type="checkbox"/> | Box No. II | Priority | <input type="checkbox"/> | Box No. III | Non-establishment of opinion with regard to novelty, inventive step and industrial applicability | <input type="checkbox"/> | Box No. IV | Lack of unity of invention | <input checked="" type="checkbox"/> | Box No. V | Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement | <input type="checkbox"/> | Box No. VI | Certain documents cited | <input type="checkbox"/> | Box No. VII | Certain defects in the international application | <input type="checkbox"/> | Box No. VIII | Certain observations on the international application |
| <input checked="" type="checkbox"/> | Box No. I  | Basis of the report   |           |                     |                          |            |          |                          |             |  |                          |            |                            |                                     |           |   |                          |            |                         |                          |             |  |                          |              |   |
| <input type="checkbox"/>            | Box No. II   | Priority  |           |                     |                          |            |          |                          |             |  |                          |            |                            |                                     |           |   |                          |            |                         |                          |             |  |                          |              |   |
| <input type="checkbox"/>            | Box No. III  | Non-establishment of opinion with regard to novelty, inventive step and industrial applicability  |           |                     |                          |            |          |                          |             |  |                          |            |                            |                                     |           |   |                          |            |                         |                          |             |  |                          |              |   |
| <input type="checkbox"/>            | Box No. IV   | Lack of unity of invention  |           |                     |                          |            |          |                          |             |  |                          |            |                            |                                     |           |   |                          |            |                         |                          |             |  |                          |              |   |
| <input checked="" type="checkbox"/> | Box No. V  | Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement |           |                     |                          |            |          |                          |             |  |                          |            |                            |                                     |           |   |                          |            |                         |                          |             |  |                          |              |   |
| <input type="checkbox"/>            | Box No. VI   | Certain documents cited   |           |                     |                          |            |          |                          |             |  |                          |            |                            |                                     |           |   |                          |            |                         |                          |             |  |                          |              |   |
| <input type="checkbox"/>            | Box No. VII  | Certain defects in the international application  |           |                     |                          |            |          |                          |             |  |                          |            |                            |                                     |           |   |                          |            |                         |                          |             |  |                          |              |   |
| <input type="checkbox"/>            | Box No. VIII   | Certain observations on the international application   |           |                     |                          |            |          |                          |             |  |                          |            |                            |                                     |           |   |                          |            |                         |                          |             |  |                          |              |   |
| 4.                                  | The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis .2).   |   |           |                     |                          |            |          |                          |             |  |                          |            |                            |                                     |           |   |                          |            |                         |                          |             |  |                          |              |   |

|   |   |  |  |                       |  |
|---|---|--|--|-----------------------|--|
| The International Bureau of WIPO<br>34, chemin des Colombettes<br>1211 Geneva 20, Switzerland | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Date of issuance of this report<br/>27 July 2006 (27.07.2006)</td> <td style="width: 50%;">Authorized officer<br/><br/>Yolaine Cussac</td> </tr> <tr> <td colspan="2">e-mail: pt11@wipo.int</td> </tr> </table> | Date of issuance of this report<br>27 July 2006 (27.07.2006) | Authorized officer<br><br>Yolaine Cussac | e-mail: pt11@wipo.int |  |
| Date of issuance of this report<br>27 July 2006 (27.07.2006)                                  | Authorized officer<br><br>Yolaine Cussac  |  |  |                       |  |
| e-mail: pt11@wipo.int   |   |  |  |                       |  |
| Facsimile No. +41 22 338 82 70  |   |  |  |                       |  |

# PATENT COOPERATION TREATY

From the  
INTERNATIONAL SEARCHING AUTHORITY

**TRANSLATION**  
**PCT**

WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

To:

Date of mailing (day/month/year) **See form PCT/ISA/210**

Applicant's or agent's file reference

**A 54 783 PCT**

**FOR FURTHER ACTION**

See paragraph 2 below

International application No.

**PCT/EP2004/011897**

International filing date (day/month/year)

**21.10.2004**

Priority date (day/month/year)

**07.11.2003**

International Patent Classification (IPC) or both national classification and IPC

**H02G11/00**

Applicant

**MURRPLASTIK SYSTEMTECHNIK GMBH**

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. **FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/EP

Authorized officer

Facsimile No.

Telephone No.

WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/EP2004/011897

| Box No. I | Basis of this opinion  |
|-----------|--|
| 1.        | <p>With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.</p> <p><input type="checkbox"/> This opinion has been established on the basis of a translation from the original language into the following language _____, which is the language of a translation furnished for the purposes of international search (under Rule 12.3 and 23.1(b)).</p>  |
| 2.        | <p>With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:</p> <p>a. type of material</p> <p><input type="checkbox"/> a sequence listing</p> <p><input type="checkbox"/> table(s) related to the sequence listing</p> <p>b. format of material</p> <p><input type="checkbox"/> in written format</p> <p><input type="checkbox"/> in computer readable form</p> <p>c. time of filing/furnishing</p> <p><input type="checkbox"/> contained in the international application as filed.</p> <p><input type="checkbox"/> filed together with the international application in computer readable form.</p> <p><input type="checkbox"/> furnished subsequently to this Authority for the purposes of search.</p> |
| 3.        | <p><input type="checkbox"/> In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.</p>   |
| 4.        | <p>Additional comments:</p>  |

WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/EP2004/011897

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

|                               |        |      |     |
|-------------------------------|--------|------|-----|
| Novelty (N)                   | Claims | 1-44 | YES |
|                               | Claims |      | NO  |
| Inventive step (IS)           | Claims | 1-44 | YES |
|                               | Claims |      | NO  |
| Industrial applicability (IA) | Claims | 1-44 | YES |
|                               | Claims |      | NO  |

2. Citations and explanations:

1 The present opinion makes reference to the following documents:

D1: US 5 332 865 A (JENSEN ET AL.)  
26 July 1994 (1994-07-26)

D2: EP 0 789 167 A (KUNIMORIKAGAKU LTD)  
13 August 1997 (1997-08-13)

2 INDEPENDENT CLAIM 1

Document D1 is regarded as the closest prior art. It discloses an apparatus for guiding at least one line, in particular an electrical line, having a laying trough for laying the line, the laying trough having a laying surface and lateral guides, from which the subject matter of independent claim 1 differs by the fact that at least one magnet is guided with the line, by means of which magnet the line can be held, at least over part of its length, in the laying trough such that it is floating.

2.1 The subject matter of claim 1 is therefore novel (PCT Article 33(2)). The problem addressed by the present invention can therefore be considered that of developing

WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/EP2004/011897

Box No. V

Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability;  
citations and explanations supporting such statement

an apparatus for guiding at least one line such that the line is subjected to less wear.

2.2 The solution to this problem proposed in claim 1 of the present application involves an inventive step (PCT Article 33(3)) for the following reasons. In the available prior art, no indications or suggestions are given with respect to at least one magnet which is guided with the line and holds at least part of the line length in the laying trough such that it is floating.

2.3 Claims 2-17 are dependent on claim 1 and therefore likewise meet the PCT requirements for novelty and inventive step.

3 INDEPENDENT CLAIM 18

3.1 The same arguments as in point 2 apply *mutatis mutandis* to the present claim 18. The apparatus for guiding a power supply chain having a laying trough for laying the power supply chain according to claim 18 can therefore be considered novel and as involving an inventive step. As a result, the criteria as regards novelty and inventive step are satisfied (PCT Article 33(2) and (3)).

3.2 Claims 19-32 are dependent on claim 18 and therefore likewise meet the PCT requirements for novelty and inventive step.

4 INDEPENDENT CLAIMS 33 AND 35

WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/EP2004/011897

Box No. V

Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability;  
citations and explanations supporting such statement

Document D2 is regarded as the closest prior art. It discloses a power supply chain, from which the subject matter of independent claims 33 and 35 differs by the fact that magnets, such as upper-side magnets and lower-side magnets, are provided.

4.1 The subject matter of claims 33 and 35 is therefore novel (PCT Article 33(2)).

The problem addressed by the present invention can therefore be considered that of developing a power supply chain such that the power supply chain is subjected to less wear when it is laid in the laying trough.

4.2 The solution to this problem proposed in claim 1 of the present application involves an inventive step (PCT Article 33(3)) for the following reasons. No power supply chain with magnets is described in the available prior art.

4.3 Claims 34 and 36-44 are dependent on claims 33 and 35, respectively, and therefore likewise meet the PCT requirements for novelty and inventive step.

5 INDUSTRIAL APPLICABILITY

The subject matter of claim 1 is an apparatus for guiding a line, the subject matter of claim 18 is an apparatus for guiding a power supply chain, and claims 33 and 35 relate to a power supply chain, with the result that the requirements of PCT Article 33(4) are met.

WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/EP2004/011897

Box No. V

Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability;  
citations and explanations supporting such statement

**Final observations:**

1. The requirements of PCT Article 6 are not met for the following reasons:

1.1 Claim 1 should be reformulated and directed towards an assembly of a laying trough (4) and a line (2) or an apparatus comprising a laying trough (4) and a line (2) guided therein, ...

1.2 Claim 1 is vague and unclear. It should be specified how and where a magnet is arranged on the line.

1.3 Claim 18 should be reformulated and directed towards an assembly of a laying trough (4) and a power supply chain or an apparatus comprising a laying trough (4) and a power supply chain guided therein, ...

1.4 Claims 33 and 35 relate to a power supply chain for use in the apparatus according to claim 18 and should be made dependent on claim 18.

2 Documents D1 and D2 should be included in the description in the light of PCT Rule 5.1(ii).